

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G11B7/125 G11B20/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 182 651 A (RICOH COMPANY, LTD) 27 February 2002 (2002-02-27) paragraph '0002! - paragraph '0019! paragraph '0082! - paragraph '0118! paragraph '0148! - paragraph '0217! -----	1-6
X	US 2002/024903 A1 (SATO SHINICHI) 28 February 2002 (2002-02-28) paragraph '0001! - paragraph '0014! paragraph '0048! - paragraph '0066! paragraph '0074! - paragraph '0080! paragraph '0088! - paragraph '0096! -----	1-6
X	US 2003/086346 A1 (FUKUMOTO MAKOTO) 8 May 2003 (2003-05-08)	1,3
A	paragraph '0001! - paragraph '0010! paragraph '0026! - paragraph '0047! ----- -/--	2,4-6



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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* & * document member of the same patent family

Date of the actual completion of the international search

6 April 2005

Date of mailing of the international search report

04/05/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	the whole document	1-4
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A	the whole document	2,4-6
X	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 07, 3 July 2003 (2003-07-03) -& JP 2003 085761 A (RICOH CO LTD), 20 March 2003 (2003-03-20)	1-4
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